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TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	DEC 05	CASREACT(R) - Over 10 million reactions available
NEWS	4	DEC 14	2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS	5	DEC 14	2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS	6	DEC 14	CA/CAPLUS to be enhanced with updated IPC codes
NEWS	7	DEC 21	IPC search and display fields enhanced in CA/CAPLUS with the IPC reform
NEWS	8	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/USPAT2
NEWS	9	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS	10	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS	11	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	12	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS	13	JAN 30	Saved answer limit increased
NEWS	14	JAN 31	Monthly current-awareness alert (SDI) frequency added to TULSA
NEWS	15	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS	16	FEB 22	Status of current WO (PCT) information on STN
NEWS	17	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS	18	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS	19	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	20	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS	21	FEB 28	TOXCENTER reloaded with enhancements
NEWS	22	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS	23	MAR 01	INSPEC reloaded and enhanced
NEWS	24	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS EXPRESS			FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT http://download.cas.org/express/v8.0-Discover/
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:22:26 ON 08 MAR 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 09:22:36 ON 08 MAR 2006
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 MAR 2006 HIGHEST RN 876109-17-0
DICTIONARY FILE UPDATES: 7 MAR 2006 HIGHEST RN 876109-17-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

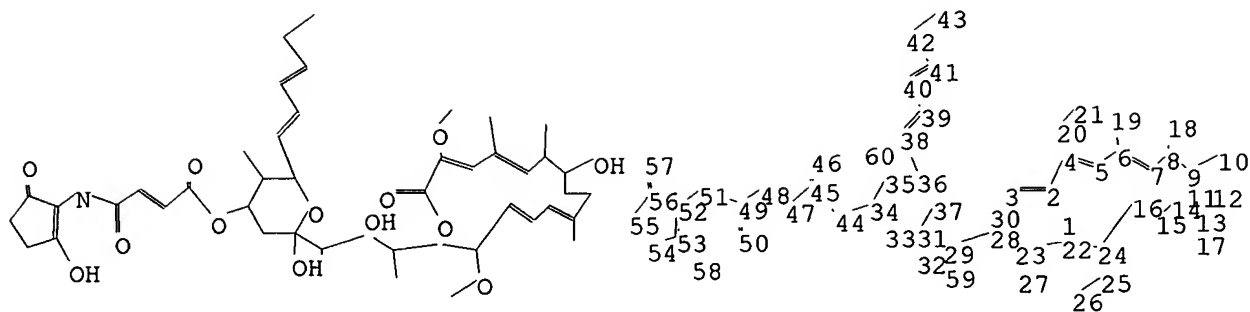
Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10517788.str



chain nodes :

3 10 17 18 19 20 21 23 25 26 27 28 29 30 32 38 39 40 41 42 43
44 45 46 47 48 49 50 51 57 58 59 60

ring nodes :

1 2 4 5 6 7 8 9 11 12 13 14 15 16 22 24 31 33 34 35 36 37 52
53 54 55 56

chain bonds :

2-3 4-20 6-19 8-18 9-10 13-17 20-21 22-23 23-27 23-28 24-25 25-26 28-29
28-30 29-31 29-59 31-32 34-44 35-60 36-38 38-39 39-40 40-41 41-42 42-43
44-45 45-46 45-47 47-48 48-49 49-50 49-51 51-52 53-58 56-57

ring bonds :

1-2 1-22 2-4 4-5 5-6 6-7 7-8 8-9 9-11 11-12 12-13 13-14 14-15 15-16
16-24 22-24 31-33 31-37 33-34 34-35 35-36 36-37 52-53 52-56 53-54 54-55
55-56

exact/norm bonds :

1-2 1-22 2-3 2-4 4-5 4-20 5-6 6-7 7-8 8-9 9-10 9-11 11-12 12-13 13-14
14-15 15-16 16-24 20-21 22-24 24-25 25-26 28-30 31-32 31-33 31-37 33-34
34-35 34-44 35-36 36-37 44-45 45-46 49-50 49-51 51-52 52-53 52-56 53-54
53-58 54-55 55-56 56-57

exact bonds :

6-19 8-18 13-17 22-23 23-27 23-28 28-29 29-31 29-59 35-60 36-38 38-39
39-40 40-41 41-42 42-43 45-47 47-48 48-49

Match level :

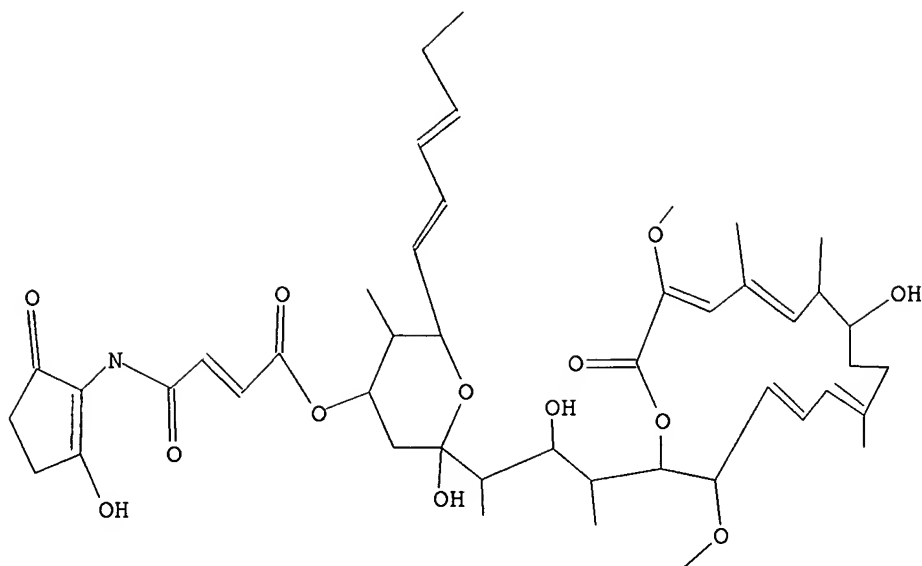
1:Atom 2:Atom 3:CLASS 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:Atom 23:CLASS 24:Atom 25:CLASS 26:CLASS 27:CLASS
28:CLASS 29:CLASS 30:CLASS 31:Atom 32:CLASS 33:Atom 34:Atom 35:Atom 36:Atom
37:Atom 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS 43:CLASS 44:CLASS
45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS 50:CLASS 51:CLASS 52:Atom
53:Atom 54:Atom 55:Atom 56:Atom 57:CLASS 58:CLASS 59:CLASS 60:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 09:23:06 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 14 TO ITERATE

100.0% PROCESSED 14 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 56 TO 504
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 09:23:12 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 164 TO ITERATE

100.0% PROCESSED 164 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L3 1 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	166.94	167.15

FILE 'CAPLUS' ENTERED AT 09:23:21 ON 08 MAR 2006
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FILE COVERS 1907 - 8 Mar 2006 VOL 144 ISS 11
FILE LAST UPDATED: 7 Mar 2006 (20060307/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

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=> s l3 full
L4 2 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:41492 CAPLUS

DOCUMENT NUMBER: 140:110199

TITLE: Bafilomycin-like metabolite from a novel
Micromonospora species

INVENTOR(S): Van Dun, Jacobus Alphonsus Josephus; Wouters, Walter
Boudewijn Leopold; Janicot, Michel Marie Francois;
Mocek, Ursula Maria; Laakso, Jodi Ann

PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.

SOURCE: PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

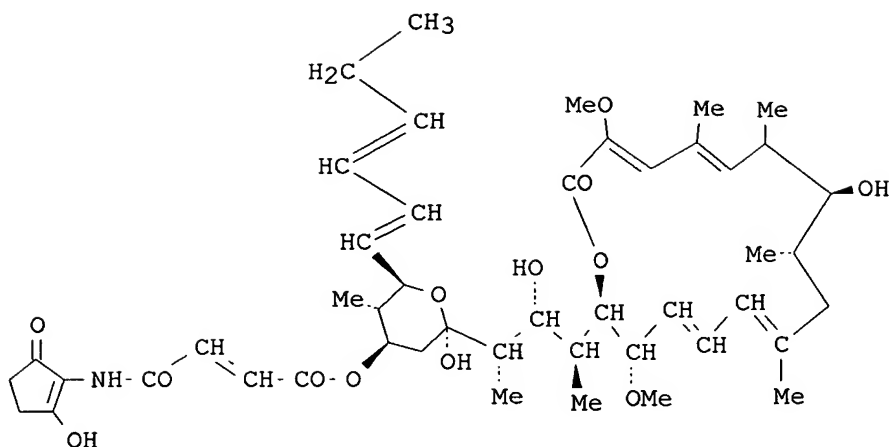
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004005311	A1	20040115	WO 2003-EP50276	20030630
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2489041	AA	20040115	CA 2003-2489041	20030630
AU 2003251730	A1	20040123	AU 2003-251730	20030630
EP 1521765	A1	20050413	EP 2003-762689	20030630
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2005534680	T2	20051117	JP 2004-518781	20030630
US 2005245598	A1	20051103	US 2004-517788	20041214
PRIORITY APPLN. INFO.:			US 2002-393149P	P 20020702
			WO 2003-EP50276	W 20030630

GI



I

AB The invention provides a compound (I) and pharmaceutically acceptable salts thereof. Processes for the isolating of this bafilomycin metabolite from a novel Micromonospora sp., pharmaceutical compns. containing this metabolite, and methods of treatment using said metabolite are also described.

IT **646066-94-6P**

RL: BMF (Bioindustrial manufacture); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); PRP (Properties); PUR (Purification or recovery); BIOL (Biological study); PREP (Preparation)
(bafilomycin-like metabolite from a novel Micromonospora species)

RN 646066-94-6 CAPLUS

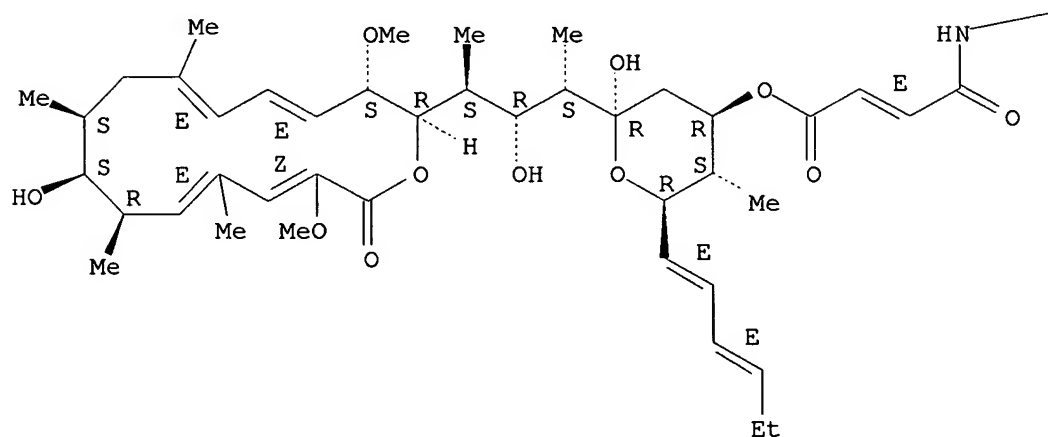
CN 2-Butenoic acid, 4-[(2-hydroxy-5-oxo-1-cyclopenten-1-yl)amino]-4-oxo-, (2R,4R,5S,6R)-6-(1E,3E)-1,3-hexadienyltetrahydro-2-hydroxy-2-[(1S,2R,3S)-2-hydroxy-3-[(2R,3S,4E,6E,9S,10S,11R,12E,14Z)-10-hydroxy-3,15-dimethoxy-7,9,11,13-tetramethyl-16-oxooxacyclohexadeca-4,6,12,14-tetraen-2-yl]-1-methylbutyl]-5-methyl-2H-pyran-4-yl ester, (2E)- (9CI) (CA INDEX NAME)

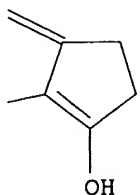
Absolute stereochemistry.

Double bond geometry as described by E or Z.

PAGE 1-A

O=





REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:949245 CAPLUS
 DOCUMENT NUMBER: 141:36022
 TITLE: R176502, a new bafilolide metabolite with potent antiproliferative activity from a novel Micromonospora species
 AUTHOR(S): Laakso, Jodi A.; Mocek, Ursula M.; Van Dun, Jacky; Wouters, Walter; Janicot, Michel
 CORPORATE SOURCE: Bothell Research Center, Albany Molecular Research, Inc., Bothell, WA, 98011, USA
 SOURCE: Journal of Antibiotics (2003), 56(11), 909-916
 CODEN: JANTAJ; ISSN: 0021-8820
 PUBLISHER: Japan Antibiotics Research Association
 DOCUMENT TYPE: Journal
 LANGUAGE: English

AB During the course of a screening program intended to identify new antiproliferative agents, a new bafilolide metabolite was discovered. R176502 was isolated from the liquid fermentation cultures of a novel Micromonospora species found in African river bottom sediment. It was purified from Et acetate exts. using a series of countercurrent chromatog. steps. The structure was determined using 1- and 2-D NMR expts. Three previously described bafilomycins (bafilomycins A1 (2), B1 (3), and B2 (4)) were also isolated (from other microbial strains). R176502 exhibited potency for inhibition of tumor cell proliferation in the nM range of concns.

IT **646066-94-6P**, R 176502
 RL: BMF (Bioindustrial manufacture); NPO (Natural product occurrence); PAC (Pharmacological activity); PRP (Properties); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); USES (Uses)

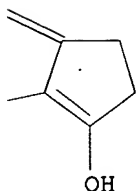
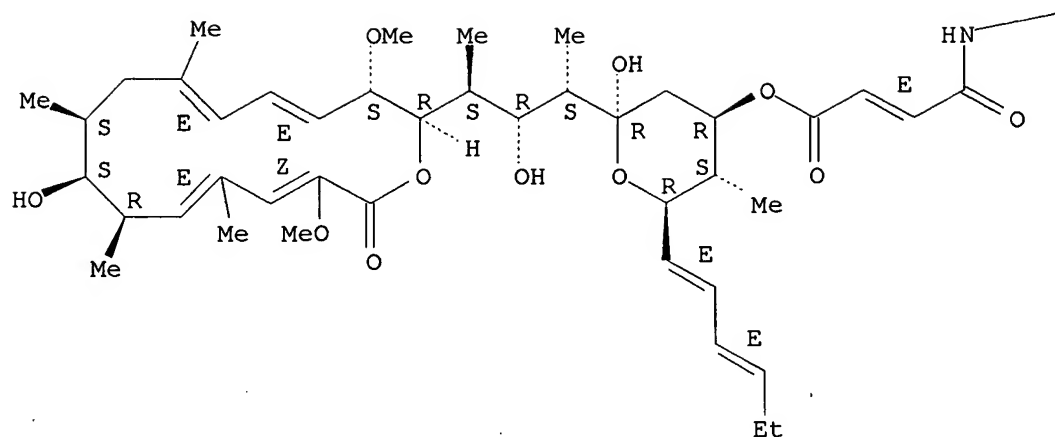
(R176502 is a new bafilolide metabolite with potent antiproliferative activity from a novel Micromonospora species)

RN 646066-94-6 CAPLUS

CN 2-Butenoic acid, 4-[(2-hydroxy-5-oxo-1-cyclopenten-1-yl)amino]-4-oxo-, (2R,4R,5S,6R)-6-(1E,3E)-1,3-hexadienyltetrahydro-2-hydroxy-2-[(1S,2R,3S)-2-hydroxy-3-[(2R,3S,4E,6E,9S,10S,11R,12E,14Z)-10-hydroxy-3,15-dimethoxy-7,9,11,13-tetramethyl-16-oxooxacyclohexadeca-4,6,12,14-tetraen-2-yl]-1-methylbutyl]-5-methyl-2H-pyran-4-yl ester, (2E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as described by E or Z.



REFERENCE COUNT:

7

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file marpat

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST

11.14

178.29

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE
ENTRY

TOTAL
SESSION

CA SUBSCRIBER PRICE

-1.50

-1.50

FILE 'MARPAT' ENTERED AT 09:24:20 ON 08 MAR 2006

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FILE CONTENT: 1969-PRESENT VOL 144 ISS 10 (20060303/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1969-1987

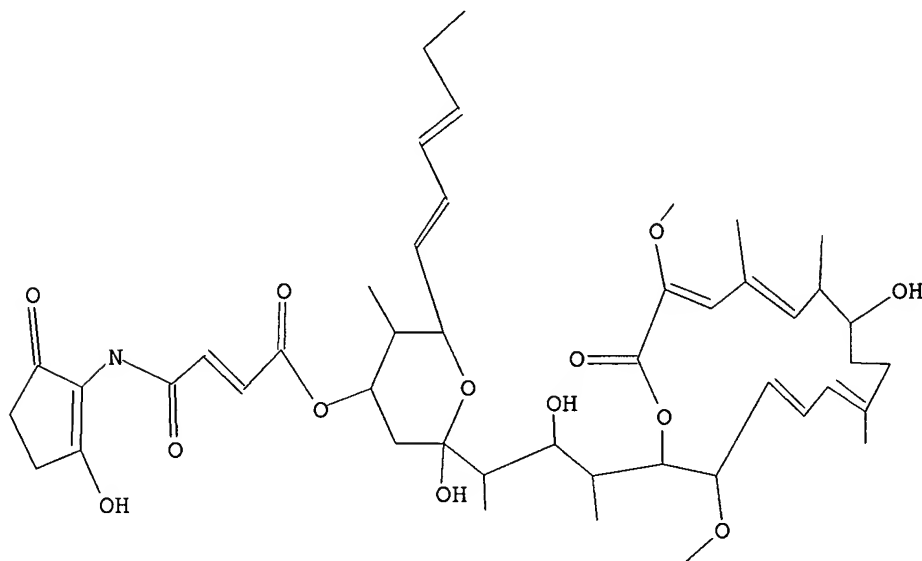
MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 2006014764 19 JAN 2006
 DE 202005014897 22 DEC 2005
 EP 1609846 28 DEC 2005
 JP 2005353222 22 DEC 2005
 WO 2006003494 12 JAN 2006
 GB 2415429 28 DEC 2005
 FR 2871802 23 DEC 2005
 RU 2266908 27 DEC 2005
 CA 2495134 23 DEC 2005

Expanded G-group definition display now available.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

=> d l1
 L1 HAS NO ANSWERS
 L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 full
 FULL SEARCH INITIATED 09:24:43 FILE 'MARPAT'
 FULL SCREEN SEARCH COMPLETED - 6066 TO ITERATE

99.7% PROCESSED	6049 ITERATIONS	2 ANSWERS
100.0% PROCESSED	6066 ITERATIONS	2 ANSWERS
SEARCH TIME: 00.00.24		

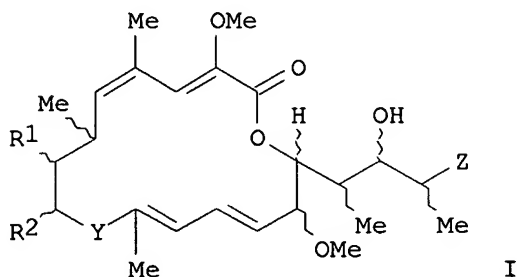
L5 2 SEA SSS FUL L1

=> d ibib abs fqhit

L5 ANSWER 1 OF 2 MARPAT COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 136:161384 MARPAT
 TITLE: V-type ATPase inhibitors as GDNF formation promoters
 for treatment of Parkinson disease and ALS
 (amyotrophic lateral sclerosis)
 INVENTOR(S): Taki, Shigeyuki; Akama, Tomoko; Nishiguchi, Mariko;

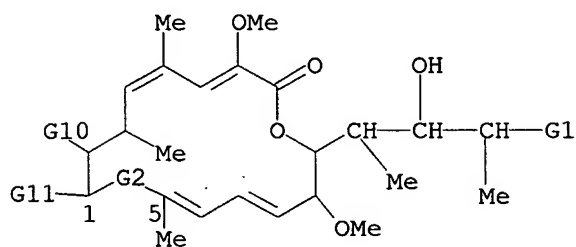
PATENT ASSIGNEE(S): Tokugawa, Kimiko
 SOURCE: Taisho Pharmaceutical Co., Ltd., Japan
 Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002047206	A2	20020212	JP 2000-233189	20000728
PRIORITY APPLN. INFO.: GI			JP 2000-233189	20000728

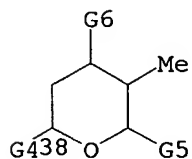


AB V-type ATPase inhibitors (I; Markush's structures given) and their pharmaceutically acceptable salts and prodrugs are claimed as GDNF formation promoters and neuroprotectants for treatment of Parkinson disease, amyotrophic lateral sclerosis, and other nerve degeneration diseases.

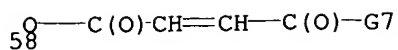
MSTR 1



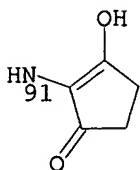
G1 = 38



G2 = CH2
 G4 = OH
 G5 = alkenyl <containing 2-8 C>
 G6 = 58



G7 = 91



G10 = OH

Derivative:

Patent location:

or pharmaceutically acceptable salts
claim 3

=> d his

(FILE 'HOME' ENTERED AT 09:22:26 ON 08 MAR 2006)

FILE 'REGISTRY' ENTERED AT 09:22:36 ON 08 MAR 2006

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 1 S L1 FULL

FILE 'CAPLUS' ENTERED AT 09:23:21 ON 08 MAR 2006

L4 2 S L3 FULL

FILE 'MARPAT' ENTERED AT 09:24:20 ON 08 MAR 2006

L5 2 S L1 FULL

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

123.05

301.34

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.71

-2.21

STN INTERNATIONAL LOGOFF AT 09:26:21 ON 08 MAR 2006